BGC-Argo meeting as part of the Argo Steering Team Meeting (AST-20)

Hangzhou, China 11 – 12 March, 2019  
Host: State Key Laboratory of Satellite Ocean Environment Dynamics (SOED) Second Institute of Oceanography, State Oceanic Administration

**Participants:**

*BGC- Steering committee*

Emmanuel Boss

Fei Chai

Hervé Claustre

Tetsuichi Fujiki

Blair Greenan (for Katja Fennel)

Giorgio Dall’Olmo

Ken Johnson

Peter Strutton (For Tom Trull)

Haili Wang

*Invited persons*

Mathieu Belbeoch (JCOMMOPS)

Shigeki Hosoda (JAMSTEC, Japan)

Sarah Purkey (SIO, USA)

Steve Riser (UW, USA)

Emily Smith (NOAA, USA)

Xiaogang Xing (SOED, China)

Brian King (NOC, UK)

**Monday 11: 9:30-12:00**

**Starting with coffee / arrival**

1. National country report (deployed fleet, planned deployments, new funded projects, data management organization…): 10’ each
   1. US: Ken
   2. China: Fei & Haili
   3. Australia: Peter
   4. UK: Giorgio
   5. France: Hervé
   6. Euro-Argo: Hervé….
   7. Canada: Blair
   8. India
   9. Germany
   10. South Africa
   11. Brazil
2. ADMT report (Hervé / Ken)

**Monday 11: 14:00-17:30**

**With coffee break at 15:45-16:15**

1. Current status of flagging and QC at various DACs: all
2. Float and sensor performance update – lifetimes: Ken
3. Test of a new imaging sensor for particle sizing and zooplankton on float: Hervé
4. Argo 2020 presentation: Ken
5. US proposal: Ken
6. Others: what are the national plans towards a more sustained BGC-Argo network (all).
7. Coordinated regional strategies
8. What is a BGC-Argo float?
   * 1. How to address current state of array with regard to fraction completed (0% with respect to 6 sensor floats, 19% with respect to 5 sensor floats, 35% complete with respect to O2).
     2. How to mitigate problem of radiometer floats coming at noon vs dark for FChla floats? What is acceptable with the core-Argo mission? Can floats surface only at noon
     3. What is the typical mission of a BGC-Argo and to what degree can be some deviation without comprising the sustained array.`

**Tuesday 12: 9:00-12:00**

**With coffee break at 10:15-10:45**

1. Updates to the Science and Implementation Plan with respect to Argo2020: Ken
2. OceanObs paper: Hervé
3. BGC-Argo Best-practice paper: Hervé
4. BGC-Argo summer school and workshops. Ken, Hervé
5. Web site / communication / newsletter: Hervé
6. Outreach / adopt a float : Hervé uday